

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,158,112 B2  
APPLICATION NO. : 09/934739  
DATED : January 2, 2007  
INVENTOR(S) : Rosenberg et al.

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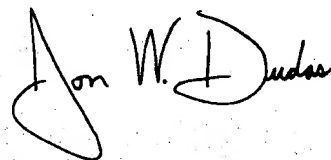
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the specification, column 30, after line 34, please insert the following paragraph:

An interface apparatus providing two linear (X and Y) degrees of freedom to user object 34 as well as a rotating ("spin") third degree of freedom about a Z axis is quite suitable for the paddle-ball implementation. Linear degree of freedom apparatuses are disclosed in Patent Nos. 5,721,566 and 5,805,140, previously incorporated herein, and further embodiments of such are described below.

Signed and Sealed this

Sixteenth Day of October, 2007

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*